

FIG. 1

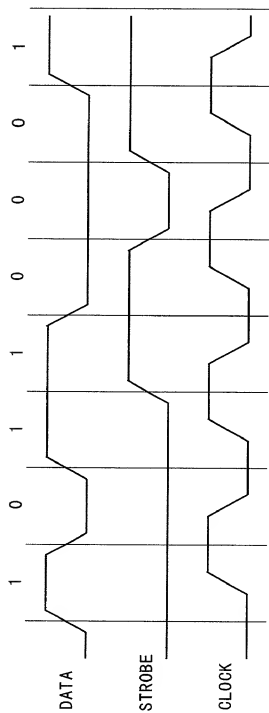


FIG. 2

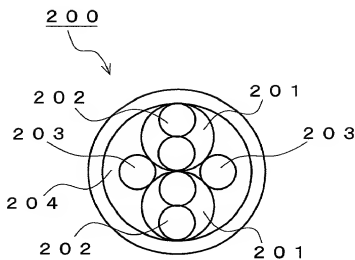


FIG. 5

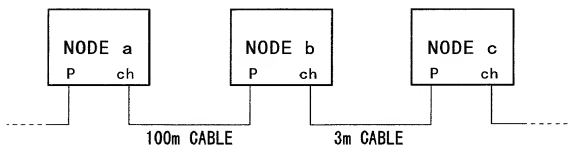


FIG. 3A
(BUS INITIALIZATION)

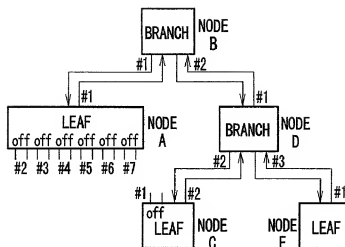


FIG. 3B
(TREE IDENTIFICATION)

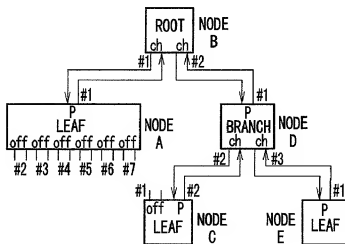


FIG. 3C
(SELF IDENTIFICATION)

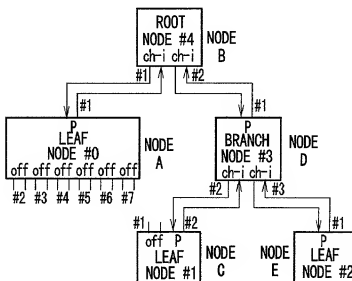


FIG. 4

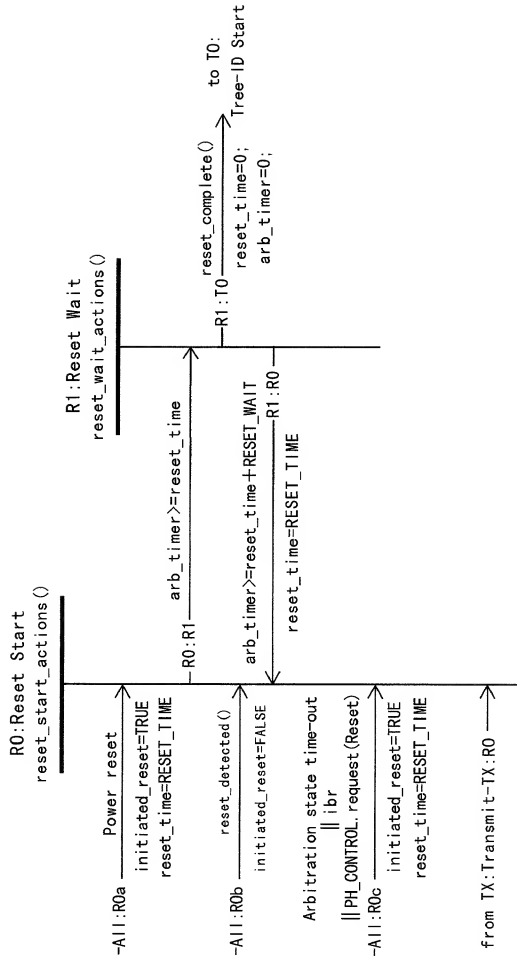


FIG. 6

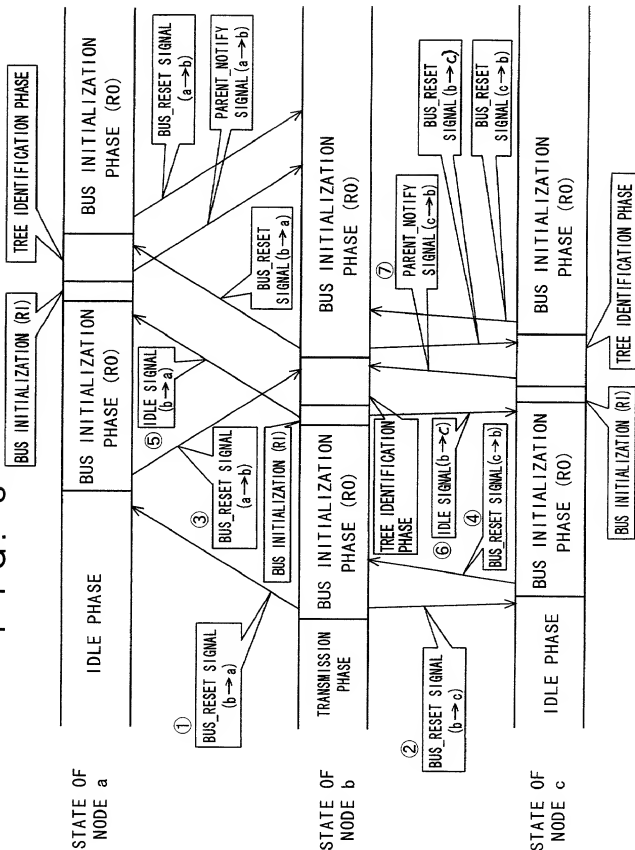


FIG. 7

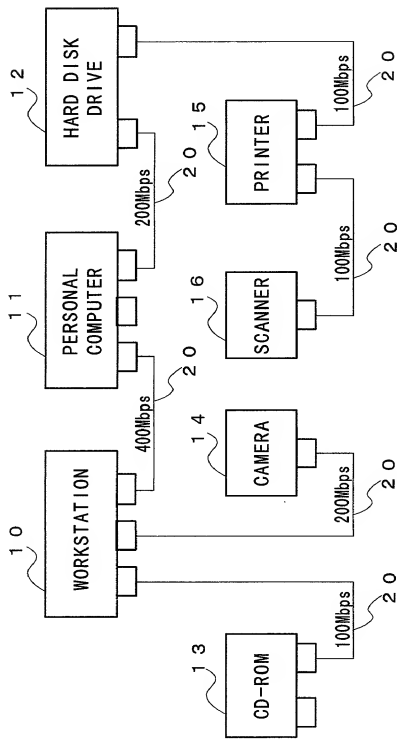


FIG. 8

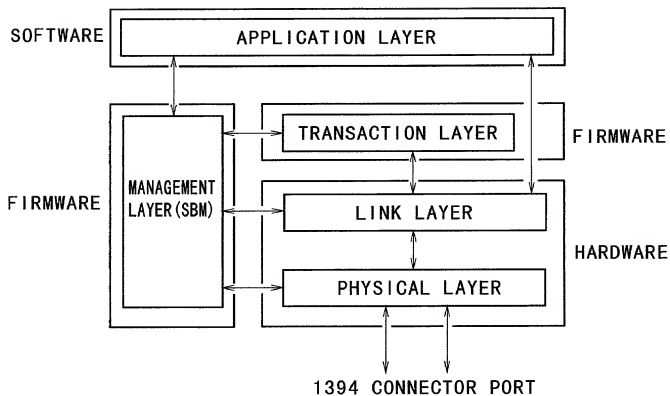


FIG. 9

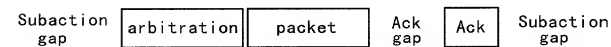


FIG. 10A

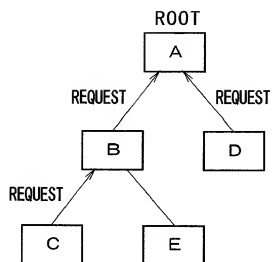


FIG. 10B

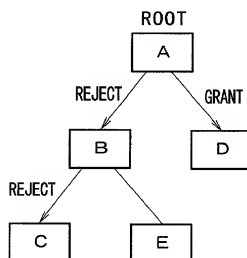
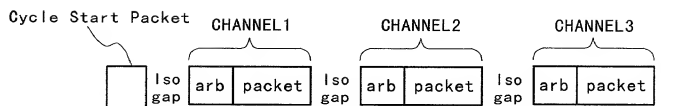
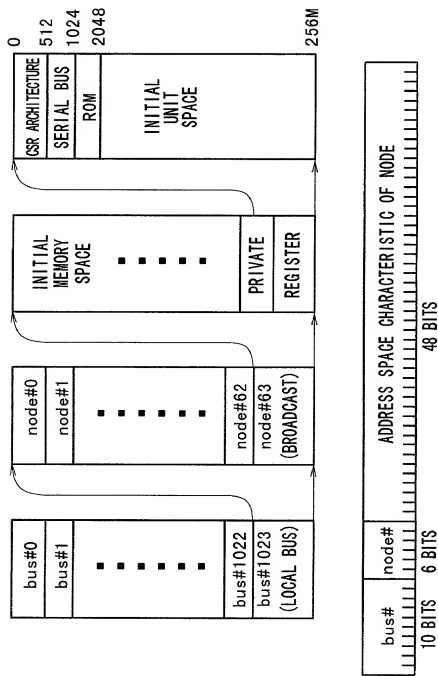


FIG. 11



F I G. 1 2



F I G. 13

OFFSETS	NAMES	FUNCTIONS
000h	STATE_CLEAR	STATE AND CONTROL INFORMATION
004h	STATE_SET	SET STATE_CLEAR BIT
008h	NODE_IDS	INDICATE 16-BIT NODE ID
00Ch	RESET_START	START COMMAND RESET
018h-01Ch	SPLIT_TIMEOUT	PREScribe MAXIMUM TIME OF SPLIT
200h	CYCLE_TIME	CYCLE TIME
210h	BUSY_TIMEOUT	PREScribe LIMIT OF RETRY
21Ch	BUS_MANAGER	INDICATE BUS MANAGER ID
220h	BANDWIDTH_AVAILABLE	INDICATE BANDWIDTH THAT CAN BE ASSIGNED TO ISOCRONOUS COMMUNICATION
224h-228h	CHANNELS_AVAILABLE	INDICATE USED STATE OF EACH CHANNEL

FIG. 14

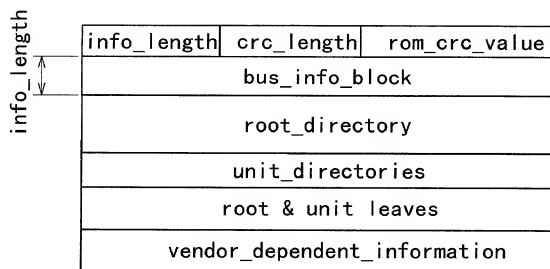


FIG. 16

900h	Output Master Plug Register
904h	Output Plug Control Register #0
908h	Output Plug Control Register #1
.....
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
.....
9FCh	Input Plug Control Register #30

FIG. 17A

oIMPR

data rate capability	broadcast channel base	non-persistent extension field	persistent extension field	reserved	number of output plugs
2	6	8	8	3	5 (bit)

FIG. 17B

oPCR[n]

on-line	broadcast connection counter	point-to-point connection counter	reserved	channel number	data rate	overhead ID	payload
1	1	6	2	6	2	4	10(bit)

FIG. 17C

iIMPR

data rate capability	reserved	non-persistent extension field	persistent extension field	reserved	number of output plugs
2	6	8	8	3	5 (bit)

FIG. 17D

iPCR[n]

on-line	broadcast connection counter	point-to-point connection counter	reserved	channel number	reserved
1	1	6	2	6	16 (bit)

FIG. 18

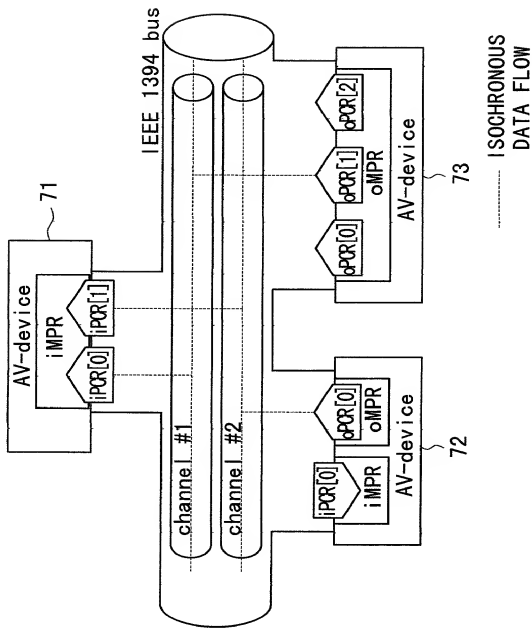


FIG. 19

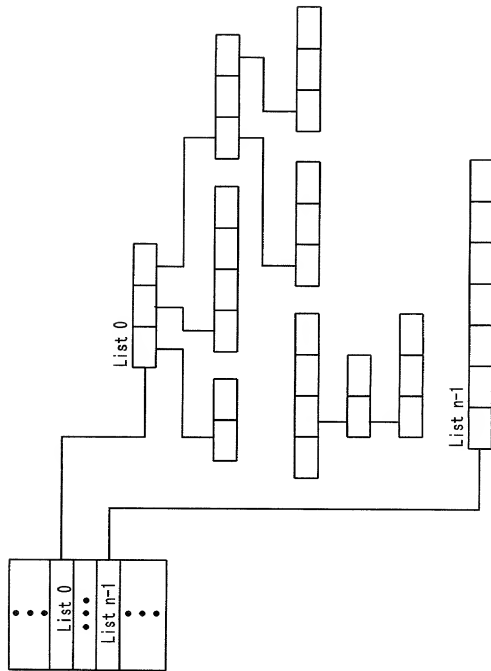
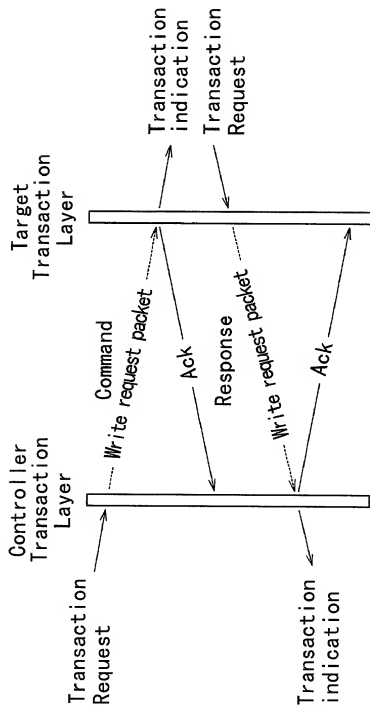


FIG. 20

The General Subunit Identifier Descriptor	
address	contents
00 00 ₁₆	descriptor_length
00 01 ₁₆	
00 02 ₁₆	generation_ID
00 03 ₁₆	size_of_list_ID
00 04 ₁₆	size_of_object_ID
00 05 ₁₆	size_of_object_position
00 06 ₁₆	number_of_root_object_lists(n)
00 07 ₁₆	
00 08 ₁₆	root_object_list_id_0
.....	
.....
.....	root_object_list_id_n-1
.....	
.....	subunit_dependent_length
.....	
.....	subunit_dependent_information
.....	
.....	manufacturer_dependent_length
.....	
.....	manufacturer_dependent_information
.....	

00027844-040501

FIG. 23



F I G. 2 4

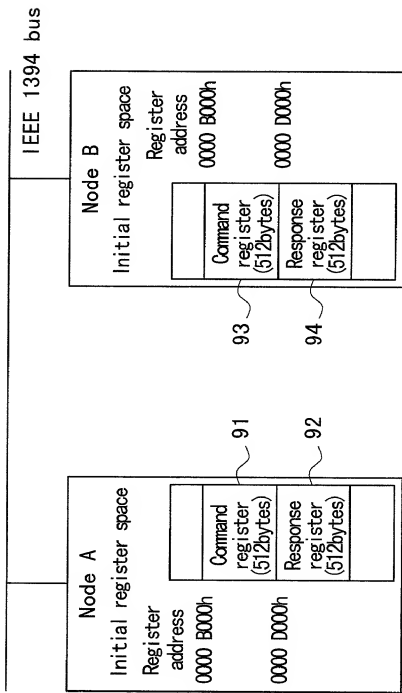
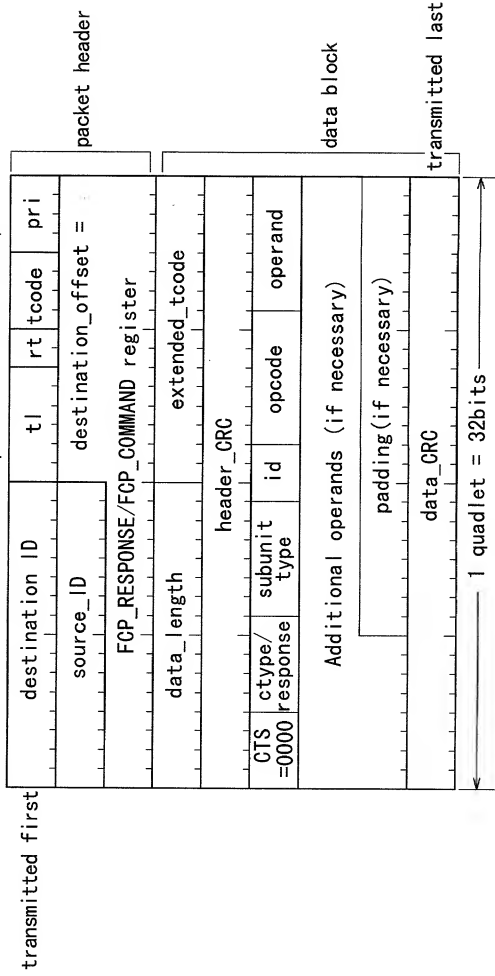


FIG. 25

Asynchronous Packet (Write Request for Data Block)



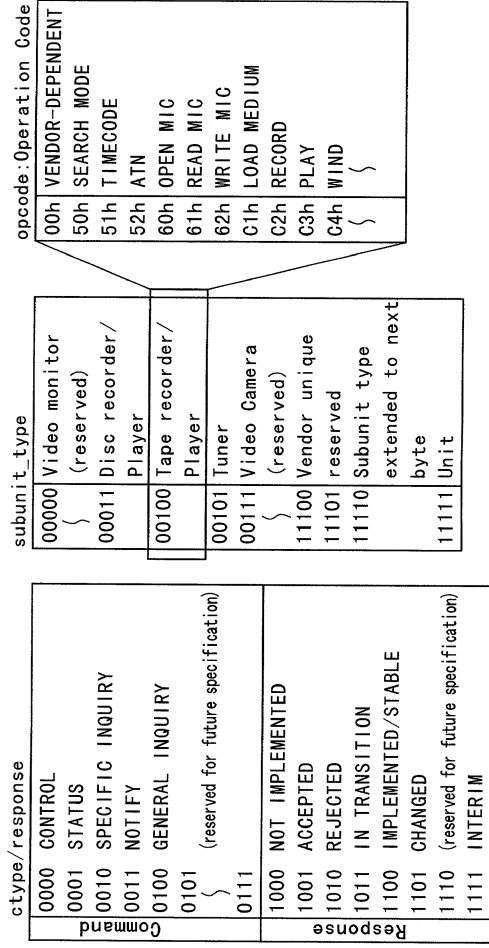


FIG. 26A

FIG. 26B

FIG. 26C

FIG. 27A

AV/C control		tape recorder IN THE CASE OF ID0		PLAY	FORWARD
CTS=	0000	subtype=	00100	id=	000
				opcode=	C3h
					operand=
					75h

FIG. 27B

AV/C accepted		tape recorder IN THE CASE OF ID0		PLAY	FORWARD
CTS=	0000	response=	1001	subtype=	00100
				id=	000
				opcode=	C3h
					operand=
					75h

FIG. 28

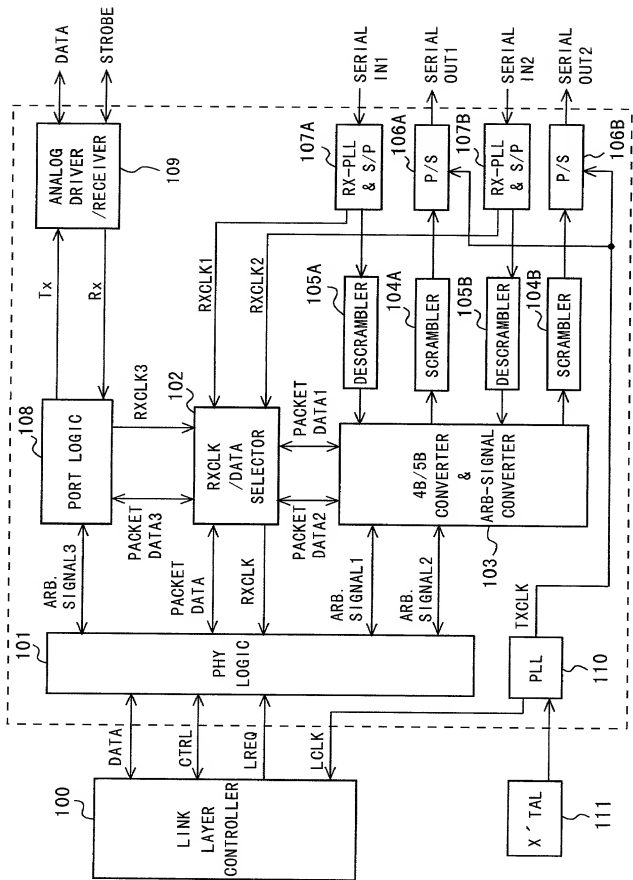


FIG. 29

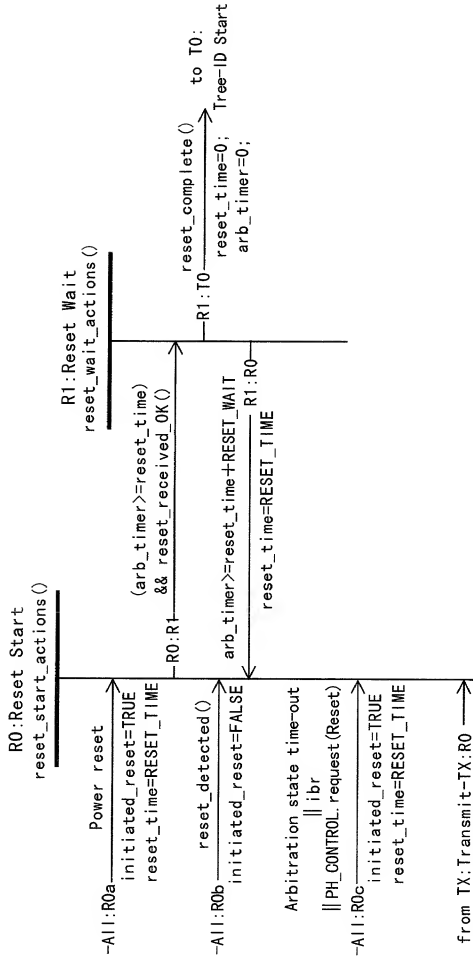


FIG. 30

